

## QUIZ 4

### COMP9021 PRINCIPLES OF PROGRAMMING

#### SAMPLE OUTPUTS

```
$ python3 quiz_4.py
Input two distinct years in the range 1990 -- 2014: 1992--1999
Input a strictly positive integer: 4
Here are the top 4 countries or categories where, between 1992 and 1999,
    agricultural land and forest land areas have both strictly increased,
    listed from the countries where the ratio of agricultural land area increase
    to forest area increase is largest, to those where that ratio is smallest:
Middle East & North Africa (128.35)
Tajikistan (56.43)
Egypt, Arab Rep. (46.35)
Kyrgyz Republic (41.62)
$ python3 quiz_4.py
Input two distinct years in the range 1990 -- 2014: 1999 -- 1992
Input a strictly positive integer: 4
Here are the top 4 countries or categories where, between 1992 and 1999,
    agricultural land and forest land areas have both strictly increased,
    listed from the countries where the ratio of agricultural land area increase
    to forest area increase is largest, to those where that ratio is smallest:
Middle East & North Africa (128.35)
Tajikistan (56.43)
Egypt, Arab Rep. (46.35)
Kyrgyz Republic (41.62)
$ python3 quiz_4.py
Input two distinct years in the range 1990 -- 2014: 1997 -- 1998
Input a strictly positive integer: 5
Here are the top 5 countries or categories where, between 1997 and 1998,
    agricultural land and forest land areas have both strictly increased,
    listed from the countries where the ratio of agricultural land area increase
    to forest area increase is largest, to those where that ratio is smallest:
Iraq (171.43)
Australia (52.87)
Azerbaijan (46.70)
Iran, Islamic Rep. (38.26)
Croatia (30.57)
```

```
$ python3 quiz_4.py
```

```
Input two distinct years in the range 1990 -- 2014: 2005--2000
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```
Input a strictly positive integer: 10
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Here are the top 10 countries or categories where, between 2000 and 2005,  
    agricultural land and forest land areas have both strictly increased,  
    listed from the countries where the ratio of agricultural land area increase  
    to forest area increase is largest, to those where that ratio is smallest:
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```
Iraq (155.71)
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```
Egypt, Arab Rep. (29.00)
```

```
Cyprus (20.56)
```

```
Lebanon (10.55)
```

```
Cote d'Ivoire (7.79)
```

```
United Arab Emirates (5.00)
```

```
Ghana (4.65)
```

```
Syrian Arab Republic (4.03)
```

```
Chile (3.73)
```

```
Tunisia (3.50)
```